BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka ELECTRICAL DIVISION

PRE MEASUREMENT BOOK

Name of work :- Annual Maintenance and repairs of street lights in and on 33 Package Y -02 of Yelahanka Zone

Name of Contractor of nature of Agency :- M/S Sriniwasa Electricals

Job Code No :- [illegible]

Ref no and Date of commencement of work :- [illegible] Date 01/04/2023

Agreement No & date :-

Measurement Book No :- [illegible] Page No :- [illegible]

Bill NO :- 12th RA Bill Bill Period :- 01-11-2023 to 30-11-2023 (for 1 months)

Sl. No.		Unit	Period in Months	Present Measurements		
				Qty	Tender Cost Rate	Cost
1	Operation and Maintenance of street lighting system including replacement of damaged/faulted/worn out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timings and Pole numbering. Preparing ward wise, street wise data bank, furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 36 W fluorescent tube light street lighting systems.	Each	1	3	[illegible]	285.66
2	Operation and Maintenance of street lighting system including replacement of damaged/faulted/worn out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timings and Pole numbering. Preparing ward wise, street wise data bank, furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 125 W HPMV Light Pole lighting systems	Each	1	136	63.07	8580.52
3	Operation and Maintenance of street lighting system including replacement of damaged/faulted/worn out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timings and Pole numbering. Preparing ward wise, street wise data bank, furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 70/72 HPSV street light lighting systems	Each	1	2196	84.51	185562.96
4	Operation and Maintenance of street lighting system including replacement of damaged/faulted/worn out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timings and Pole numbering. Preparing ward wise, street wise data bank, furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 400 watts HPSV street lighting High Mast lighting systems	Each	1	0	59.13	0.00

[illegible]

[illegible]

5	Operation and Maintenance of LED Street lighting system including replacement of damaged/defective/ out components like LED drivers MCPCB surge protective device switches, Wires Holders, Sisters observing weather proofing Metal conforming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc., complete so as to ensure efficient burning of Street lights detailed in Tender documents for 24 watt LED pole lighting systems	Each	1	223	73.53	16,402.50
6	Operation and Maintenance of LED Street lighting system including replacement of damaged/defective/ out components like LED drivers MCPCB surge protective device switches, Wires Holders, Sisters observing weather proofing Metal conforming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc., complete so as to ensure efficient burning of Street lights detailed in Tender documents for 60 watt LED street light lighting systems	Each	1	156	94.61	14,760.76
7	Operation and Maintenance of LED Street lighting system including replacement of damaged/defective/out components like LED drivers MCPCB surge protective device switches, Wires Holders, Sisters observing weather proofing Metal conforming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc., complete so as to ensure efficient burning of Street lights detailed in Tender documents for 90 watt LED Street light lighting systems	Each	1	0	115.88	0.00
8	Operation and Maintenance of LED Street lighting system including replacement of damaged/defective/out components like LED drivers MCPCB surge protective device switches, Wires Holders, Sisters observing weather proofing Metal conforming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc., complete so as to ensure efficient burning of Street lights detailed in Tender documents for 110/120 watt LED decorative lighting systems	Each	1	3	220.23	660.69
9	Operation and Maintenance of LED Street lighting system including replacement of damaged/defective/out components like LED drivers MCPCB surge protective device switches, Wires Holders, Sisters observing weather proofing Metal conforming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc., complete so as to ensure efficient burning of Street lights detailed in Tender documents for 150 watt LED street light High mast lighting system	Each	1	3	155.96	467.88

10	Painting of existing street light pole after scraping it to clean and painted with suitable colour enamel paint including cutting/welding of the pole type Mild steel pipe etc. complete.	Nos		0	450.00	0.00
11	Painting of existing street light pole after scraping it to clean and painted with suitable colour enamel paint including cutting/welding of the pole type Mild steel pipe etc. complete.	Nos		0	710.00	0.00
12	Supplying and fixing Moulded Case Circuit Breaker (MCCB) in the existing motor panel board using necessary screws, bolts, nuts, necessary waste allowances, bandas and testing complete. Protection of Overload and Short circuit with thermal Magnetic Micro processor release and Earth Fault as per IS 13947. (Icu = 16kA 100A/415V, 25kA, 3 Pole	Each		5	4530.00	0.00
13	Supply and installation / Fixing / Provision of PVC box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Phase 5 Wire connections with Copper & Lugs (3 terminals for 10 Sqmm + 25 Sqmm) 3.5 Cu/Al Cable and inlet/ out 3.5 barrel 2 core Al/Cu PVC insulated cable weighted in a Thermoplastic Polypropylene enclosure which should be shock proof, rain, Water proof, dust proof, water proof having internally fire resistive Gasket with provision for cable entry through IP65 thermoplastic polyamide glands and/or grommets Siemens/Hypro/Hilpro	Each		0	2294.00	0.00
14	Supply of 1kV pole mounting type box to be fabricated out of CRCA sheet including hinged door with provision for locking arrangement complete with pipe type earthing arrangement complete with all accessories required complete as per drawing and specification. Provision for MCB incomer Cable entry from bottom & MCB outgoing cable entry from bottom & provision of earthing terminal & Neutral bar. Size of box 600 x 500 x 250 mm Single Phase

17	Supplying and fixing miniature circuit breakers in existing MCB distribution boards including necessary fixing materials and C Type curve 4.5KA DN/OFF energy meter 3 wire 3 feet wire etc. complete in all respects as per specification No. 63-63 Amps SP	Each	1	0	223.00	223.00
	TOTAL					221300.72
	Add GST 12.5% on date 10.10.17			12.5%	28288.01	144784.54
	TOTAL Rs			12.5%	28288.01	279701.66
	Fine imposed for non burning of street lights for the period of 01/11/2023 to 30/11/2023					3500.00
	As per agreement condition 24 we have deducted @ 10% for non maintenance for repairs for released lamps					4535.07
	GRAND TOTAL					221702.72

CERTIFICATE

1. This is to certify that the work done is satisfactory.
2. This is to certify that the 10% amount deducted is not to be drawn not claimed at any of the time to be.

Assistant Engineer
Maintenance Division

Assistant Engineer
Maintenance Division

Executive Engineer
Maintenance Division